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PHOTOGRAPHIC INTERPRETATION REPORT

# MISSION COVERAGE INDEX MISSION 3206 27 DECEMBER 1962

NPIC/R-14/63 February 1963

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

#### PREFACE

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This Mission Coverage Index (MCI) furnishes a listing of items of intelligence interest covered by aerial photography from Mission 3206, dated 27 December 1962. Items in this listing are arranged by country and within the country by WAC area. Items are arranged within a WAC by coordinates reading from south to north and from west to east. An explanation of column headings and photo reference data used in presenting the information is contained in the appendix.

For convenience of the user, a subject index to the intelligence targets has been included following the listing. Targets in the subject index are listed (1) by category, (2) alphabetically by country within the category, and (3) alphabetically by place name within each country.

The user of this MCI is cautioned that the scan of photography from Mission 3206 was accomplished in a relatively short time and often without the aid of precise analytical and mensural equipment commonly employed in detailed photographic analysis. Consequently, although this information is essentially accurate, future detailed analysis may somewhat alter portions of the information.

Mission 3206 covers portions of North Vietnam, China, and Laos.

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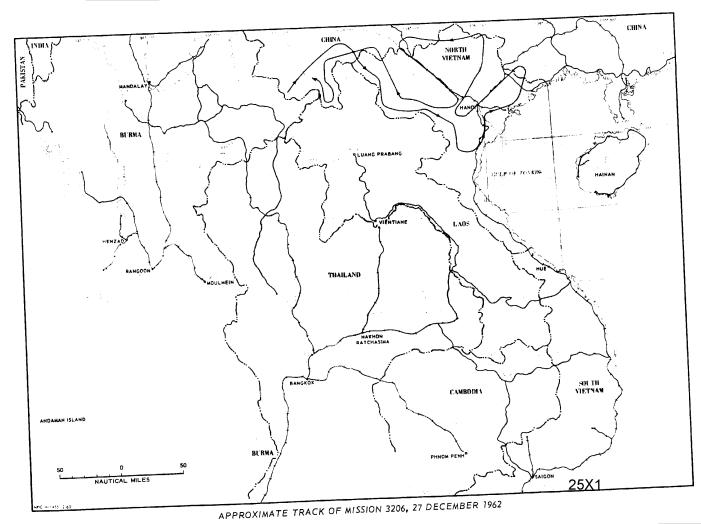
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City, Installation	Coordinates	W 4 5	Installati	on Numbers
Stryy instantion	Coordinates	WAC	BE	NPIC
-CHINA-		,		
MESS MAT AREA MATERIAL	*			
MAN-NAI AREA, MILITARY CAMP  3.5 NM NNE OF MAN-NAI.  PARTIALLY SECURED MILITARY AREA CONTAINS 5	215ØN 1ØØ23E	Ø556		16
ADMINISTRATIVE AND 55 BARRACKS/STORAGE-TYPE BUILDINGS AREA IS CONNECTED BY A NEW ROAD				
WITH THE FO-HAL TO MENG-HSI HIGHWAY AT APPROXIMATELY 21-56N 100-20E.				
FO-HAI MILITARY AREA SE EDGE OF FO-HAI.	2158N 10027E	Ø556		14
MILITARY AREA CONSISTING OF 2 SECURED CAMPS CONTAINING APPROXIMATELY 200 ADMINISTRATIVE				
AND BARRACKS/STORAGE-TYPE BUILDINGS. ROAD TO MENG-HSI HAS BEEN REALIGNED AND IMPROVED.				
NAN-CHIAO MILITARY AREA IMMEDIATELY NORTH AND SOUTH OF MENG-HSI.	2201N 10015E	Ø556		15
CONSISTS OF 4 AREAS CONTAINING APPROXIMATELY 100 ADMINISTRATIVE AND BARRACKS/STORAGE-TYPE BUILDINGS.				
- COLEDINOS -				
MENG-PENG AREA, ROAD ROAD EXTENDS EAST FROM MENG-PENG TO MENG-LA	2126N 10118E	Ø616		454
THE LO-SO CHIANG (RIVER) (21-56) (01-166) AND				
AT 22-05N 100-54E. ROAD APPEARS TO BE GRAVEL				
SURFACE, APPROXIMATELY 15 FT WIDE, AND HAS MANY SHARP TURNS, MAJOR BRIDGES OBSERVED.		25)	/1	
PONTOON BRIDGE APPROXIMATELY 160 X 10 FT AT 21-56N 101-16E, DECK-TYPE BRIDGE APPROXIMATELY		, 45 <i>/</i>	X I	

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Class Innanillation	6 11 .	WAC	Installatio	n Numbers
City, Installation	Coordinates	WAC	BE	NPIC
200 X 25 FT AT 21-51N 101-24E, AND DECK-TYPE BRIDGE APPROXIMATELY 85 X 15 FT AT 21-43N 101-23E. A FERRY WAS ALSO NOTED JUST WEST OF BRIDGE ON LO-SO CHIANG. THREE NM SE OF MENG-PENG A BRANCH ROAD UNDER CONSTRUCTION BEGINS FROM THE SOUTH BANK OF THE NAN-LA HO (RIVER) (21-24N 101-21E). ROAD EXTENDS SOUTH APPROXIMATELY 5 NM CROSSING THE NAN-MANG HO (RIVER) WITH CONSTRUCTION STOPPING AT A SMALL TOWN (21-19N 101-19E). ROAD IS APPROXIMATELY 8 FT WIDE AND APPEARS TO BE NATURAL SURFACE.  JENG-LA MILITARY AREA MILITARY CAMPS AND STORAGE AREAS LOCATED JUST WEST OF MENG-LA ON NEW ROAD LEADING NW TOWARD CHE-LI AND SSU-MAO. APPROXIMATELY 225 BARRACKS/STORAGE/SUPPORT-TYPE BUILDINGS IN AREA.	2128N 1Ø1348	Ø61 <i>6</i>		15-B
ENG-LA TO LAOTIAN BORDER ROAD  EAST FROM MENG-PENG TO MENG-LA HIGHWAY  (21-26N 101-34E).  HIGHWAY CROSSES THE CHINA-LAOS BORDER AT  21-26N 101-46E, THEN EXTENDS NE TO BOUN-NEUA  AT 21-38N 101-55E. FROM THIS POINT IT EXTENDS  GENERALLY SE INTO LAOS. OBLIQUITY AND POOR  MAPS PRECLUDE DETERMINATION OF ALIGNMENT FROM  THIS POINT. APPEARS TO BE GRAVEL SURFACE	2128N 101348	Ø616		15-0

	City, Installation	C	rdinates	WAC	Installat	ion Numbers
	,,		rainates	WAC	BE	NPIC
HSIAO-MENG-LUN MILI 5 NM ENE OF HSIA APPROXIMATELY 20 BUILDINGS, AND 4 BUILDINGS OBSERVE	O-MENG-LUN. BARRACKS/STORAGE-TYPE ADMINISTRATIVE-TYPE	2156N	10115E	9616		456
SSU-MAO AREA, AIRFI ONE NM NW OF SSU- SINGLE N/S PROBAB RUNWAY, LENGTH UN AIRCRAFT NONE	MAO. LE GRAVEL/CRUSHED STONE DETERMINED.	2247N	10058E	Ø616		₽ <b>1,0</b> ~-E
SSU-MAD MILITARY COME EXTENSIVE MILITARY INCLUDES MANY BARKSTORAGE AREAS.	MPLEX Y COMPLEX SURROUNDING SSU-MARACKS ADMINISTRATIVE AND	. 2247N :	10059E	Ø616		1/ØC
MAN-PIEN, MILITARY C WEST EDGE DE MAN-I SECURED CAMP INCLU AND 3 BARRACKS-TYP	PIEN.  JDES ONE H-SHAPED BUILDING	2228N	1Ø131E	Ø616		453
FOUR MILITARY BARR BUILDINGS, ONE LAR	ACKS AREAS CONTAINING TE	2232N	1Ø145E	Ø616		452
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			WAC		on Numbers
City, Installation	Coord	inates	""	BE	NPIC
SU-MAO AREA, ROAD IMPROVEMENT  SSU-MAD TO CHIANG-CHENG TO BLACK RIVER.  IMPROVED GRAVEL ROAD APPROXIMATELY 15 FT  WIDE EXTENDS EAST FROM SSU-MAD THROUGH THE  HILLS TO THE LO-SO CHIANG (RIVER) (22-40N  101-20E), SE ALONG THE RIVER TO 22-38N  101-26E TO CHIANG-CHENG (22-35N 101-52E), AND  NORTH TO CHIANG-HSI (22-46N 101-53E) WHERE  CONSTRUCTION STOPS. A BRIDGE IS UNDER  CONSTRUCTION ACROSS THE BLACK RIVER AT  22-49N 101-55E AND A SHORT SECTION OF ROAD  IS BEING WIDENED ON THE NORTH SIDE OF THE  RIVER. MAJOR BRIDGES WERE NOTED ON THE LO-SO  CHIANG (22-42N 101-22E, DECK-TYPE,  APPROXIMATELY 210 BY 20 FT), ONE OF ITS  TRIBUTARIES AT 22-37N 101-27E (DECK-TYPE,  APPROXIMATELY 125 BY 20 FT), AND 8 NM WEST OF  CHIANG-CHENG AT 22-33N 101-44E (DECK-TYPE,  300 BY 20 FEET). OTHER SMALL BRIDGES AND A	2234N	1Ø139E	Ø616		10-0
MA-LIU-TANG, MILITARY AREA APPROXIMATELY 2 NM NW OF MA-LIU-TANG. APPROXIMATELY 40 BARRACKS-TYPE AND ADMINISTRATIVE BUILDINGS OBSERVED.	2251N	1Ø246E	Ø616		45Ø
NIU-TSA AREA, MILITARY INSTALLATION 1.5 NM SOUTH OF NIU-TSA NEAR MENG-MAN-HO (RIVER). MILITARY INSTALLATION WITH APPROXIMATELY 68 BUILDINGS.	2254N	10224E	<b>Ø616</b>	5X1	455

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City, Installation	Coordinates	WAC		n Numbers
City, Installation	Coordinates	#AC	BE	NPIC
HO-KOU AREA, MILITARY CAMP FOUR NEW PROBABLE STORAGE BUILDINGS OBSERVED.	2232N 10357E	0616		32Ø-A
CHIN-PING MILITARY COMPLEX NO APPARENT CHANGE SINCE	2247N 10314E	Ø616	25X1	13
LIU-TIAO-PAN, RR CLASSIFICATION AREA NO APPARENT CHANGE SINCE	2231N 10400E	Ø616		4 <b>16</b> %
TU-LUNG-HSIN-CHIEH, POSSIBLE MILITARY AREA  JUST NW OF TU-LUNG-HSIN-CHIEH,  POSSIBLE MILITARY AREA INCLUDES 13 BARRACKS-  TYPE BUILDINGS AND ONE POSSIBLE MESS HALL.	2254N: 10431E	Ø616		÷ 25 ×
LUNG-CHING COMPLEX IDENTIFICATION ONLY.	2221N 10650E	Ø616		6-1
TSA-TI-PAO AREA, ROAD IMPROVEMENT LOCATED 35 NM NNW OF LAO-KAY, NORTH-VIETNAM. A TRAIL IS BEING IMPROVED AND WIDENED AT THE FOLLOWING COORDINATES 23-Ø2N 103-41E, 23-Ø1N 103-43E, 23-Ø7-3ØN 103-37-3ØE, 23-Ø4-3ØN 103-36-ØØE.	23Ø2N 1Ø341E	· Ø616		463
			25X1	

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			Installatio	on Number
City, Installation	Coordinates	WAC	BE	NPI
MENG-TZU AIRFIELD  NO APPARENT CHANGE SINCE  AIRCRAFT NONE OBSERVED.	2321N 103256	Ø616	25X1	7
KO CHIU, ORE PROCESSING AND SMELTING COMPLEX IDENTIFICATION ONLY.	2322N 103098	0616		4
MENG-TZU MILITARY BARRACKS AREA AREA IDENTIFICATION ONLY.	2322N 1Ø323E	Ø616	25X1	7
MENG-TZU AIRFIELD WEST  NO APPARENT CHANGE SINCE  AIRCRAFT 3 POSSIBLE AIRCRAFT.	2324N 1Ø3198		5 <del>X1</del>	7.
MENG-TZU PROSPECTING ACTIVITY AREA IDENTIFICATION ONLY.	2328N 10320E	Ø616		7
MA-KUAN, STORAGE COMPLEX COMPLEX INCLUDES SEVERAL STORAGE AREAS AROUND MA-KUAN CONTAINING APPROXIMATELY 25 STORAGE BUILDINGS.	23Ø1N 1Ø421E	Ø616		23
MA-LI-PO, PROBABLE STORAGE AREA MA-LI-PO AREA NUMEROUS STORAGE-TYPE BUILDINGS OBSERVED.	23Ø7N 1Ø443E	Ø616		24

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City, Installation	Coordinates	WAC		on Numbers
			BE	NPIC
WEN-SHAN, MILITARY COMPLEX APPROXIMATELY 400 BARRACKS, ADMINISTRATIVE, AND STORAGE BUILDINGS OBSERVED IN AND AROUND WEN-SHAN.	. 2322N   10415E	Ø616		<b>359</b>
WEN-SHAN AREA, IMPROVED ROAD  MAJORITY OF THE ROADS IN THE VICINITY OF  WEN-SHAN TO MA-KUAN TO HSIN-YING-PAN ARE BEING  REALIGNED, STRAIGHTENED, AND WIDENED.  UNRELIABILITY OF MAPS IN THE AREA MAKES  TRACING THE NEW ROADS IMPRACTICAL.	2322N 1Ø415E	Ø616		359-i
A CONTRACTOR OF THE STATE OF TH				
ERH-TANG AREA, STORAGE AREA 2 NM SOUTH DE ERH-TANG AND 5.5 NM NORTH OF WEN-SHAN. APPROXIMATELY 25 STORAGE BUILDINGS AND A GOOD ROAD OBSERVED.	2327N 10415E	Ø616		467
MA-TANG, MILITARY INSTALLATION WEST EDGE OF MA-TANG, 12 NM NW OF WEN-SHAN. TEN BARRACKS AND SUPPORT BUILDINGS OBSERVED.	2329N 10403E	Ø616		466
	22404 144055	Ø616	25X1	20
CHINGHHSI AREA, DAM   NO APPARENT CHANGE SINCE	2308N 10625E		20/(1	
	2308N 10625E		20/(1	
	2308N 10625E		20/(1	
	2308N 10625E		25X1	

NPIC/R-14/63 25X1 TOP SECRET Installation Numbers WAC City, Installation Coordinates NPIC -LAOS-MUONG SING TO MUONG LUONG RD (2102N-10128E) 2111N 10109E Ø616 13Ø-B A NEW ROAD IS OBSERVED LEADING SE FROM MUONG-SING FOR APPROXIMATELY 4 NM TOWARD 25X1 MUONG LUONG. 25X1 MUONG SING AIRFIELD 18118E 13Ø-A 2111N Ø616 NW/SE ROLLED EARTH RUNWAY, SERVICEABLE. AIRCRAFT -- NONE OBSERVED. 25X1 103 **BOUN NEUA AIRFIELD** 2138N 1Ø154E Ø616 .6 NM NW OF BOUN NEUA. APPROXIMATELY 2600 X 80 FT NE/SW PROBABLE GRAVEL RUNWAY, SERVICEABLE. 25X1 AIRCRAFT -- NONE OBSERVED. 25X1 127 MOUNG OU TAY AIRFIELD 22Ø7N 10148E Ø616 JUST SOUTH OF MOUNG OU TAY ON NW BANK OF NAM OU RIVER. 3,115 X 110 FT NNE/SSW RUNWAY, SURFACE UNDETERMINED. AIRCRAFT -- NONE OBSERVED. 25X1 25X1 -NORTH VIETNAM-HON GAY COMPLEX Ø615 109-A 2057N 10705E SEVERAL INDUSTRIES NOTED WITHIN COMPLEX. VESSELS -- 4 SWATOW-CLASS GUNBOATS, 2 MEDIUM PROBABLE BARGES, AND NUMEROUS SMALL CRAFT 25X1 OBSERVED IN CLOUD-FREE AREAS OF PORT. TOP SECRET

City, Installation	Coordinates	WAC	Installat	tion Numbers
	Continues	"AC	BE	NPIC
BAN XOM LOM, MILITARY COMPLEX FIELD ARTILLERY POSITIONS AND AUTOMATIC	2049N 10443E	Ø616		145
WEAPON EMPLACEMENTS UNDCCUPIED. NO MILITARY EQUIPMENT OR VEHICLES IDENTIFIED.  NO (APPARENT CHANGE IN FACILITIES SINCE				
MOC CHAU, MILITARY COMPLEX BUILDINGS PREVIOUSLY REPORTED AS UNDER CONSTRUCTION ARE NOW COMPLETED. NO OTHER SIGNIFICANT CHANGE SINCE	2050N 10437E	Ø616		122
THIET TRA AREA, MILITARY CAMP  NO APPARENT CHANGE IN FACILITIES SINCE  EXTENSIVE TRENCHING AND SMALL AUTOMATIC WEAPONS EMPLACEMENTS ARE LOCATED ON HIGH GROUND JUST SOUTH OF CAMP.	2017N 10511E	9616		25Ø
AIPHONG/CAT BI AIRFIELD  NO APPARENT CHANGE IN FACILITIES OBSERVED IN CLOUD-FREE AREAS SINCE AIRCRAFT ONE TWIN-ENGINE AIRCRAFT	2049N 10644E	Ø616		110
AIPHONG COMPLEX THE COMPLEX IS OVER 90 PERCENT CLOUD COVERED. NO APPARENT CHANGE SINCE IN CLOUD-FREE SECTIONS. VESSELS 2 FREIGHTERS.	2052N 10641E	Ø616		109

			Installation Numbers
City, Installation	Coordinates	WAC	BE NPIC
TRANG KINH PORT FACILITY  LOCATED ON SONG GIA RIVER, 6.3 NM NNE OF  HAIPHONG.  CONSISTS OF 140 FT LONG PIER AND APPROXIMATELY 25 WAREHOUSES (5 UNDER CONSTRUCTION).	2058N 10646E	Ø616	459
BAN MAT, MILITARY AREA A DRIVER TRAINING AREA HAS BEEN ADDED. NO OTHER APPARENT CHANGE SINCE	2115N 1Ø359E	Ø616	354
NAM LO, PROBABLE MILITARY STORAGE AREA  JUST NORTH OF NAM LO.  AREA CONSISTS OF 3 SEPARATE SITES CONTAINING  APPROXIMATELY 40 STORAGE AND SUPPORT  BUILDINGS.	2117N 10357E	9616	386
DIEN BIEN PHU MILITARY COMPLEX NO APPARENT CHANGE SINCE	2119N 10301E	Ø616	185-
SON LA MILITARY COMPLEX MAJOR MILITARY COMPLEX CONSISTING OF 5 AREAS IN AND AROUND SON LA CONTAINS AT LEAST 450 BUILDINGS, INCLUDING BARRACKS, STORAGE, SUPPORT, AND ADMINISTRATIVE—TYPE BUILDINGS, AND A MOTOR POOL WITH 10 TRUCKS OBSERVED. CONSTRUCTION OF BUILDINGS IS CONTINUING.	212ØN 10355E	25>	(1

City, Installation	Coordinates	WAC	Installat	ion Number
	Coordinates	WAC	BE	NPI
BAN THAM AREA, PROBABLE MILITARY AREA 5 NM SE OF BAN THAM. PROBABLE MILITARY AREA CONTAINS 18 BARRACKS— TYPE BUILDINGS.	2121N 10348E	Ø616		280-
BAN PHIENG, STORAGE SITE NO APPARENT CHANGE SINCE	2122N 10355E		5X1	431
DIEN BIEN PHU AIRFIELD NO APPARENT CHANGE SINCE	2123N 10301E	9616		105-
BAN CHIENG PUDC, MILITARY CAMP  AT LEAST 13 BUILDINGS HAVE BEEN REMOVED.  SHADOWS PRECLUDE DETERMINATION OF STATUS OF OTHER BUILDINGS.	2124N 10346E	Ø616		278
BAN PHIENG HAY, EXPLOSIVES STORAGE AREA TWO BUILDINGS ADDED TO EXPLOSIVES STORAGE SITE .5 NM SOUTH OF BAN PHIENG HAY. AREA IS NOW SINGLE FENCED ON 3 SIDES AND DOUBLE FENCED ON EAST. NO APPARENT CHANGE IN OTHER 2 STORAGE	2124N 1Ø356E	Ø616		351→4
STILS SINCE				
AN THAM AREA, PROVINCIAL MILITARY CAMP AREA IDENTIFICATION ONLY.	2126N 10346E	Ø616	5X1	28Ø

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Installation Numbers City, Installation Coordinates WAC BE 25X1 NA SAN AIRFIELD 2113N 10402E Ø616 131 4,000 X 100 FT ESE/WNW RUNWAY OF CRUSHED ROCK (EXCEPT 350 FT ON NW END WHICH MAY BE COMPACTED EARTH) NW END OF RUNWAY IS POSSIBLY BEING EXTENDED 600 FT MAKING OVERALL LENGTH 4,600 FT. AIRCRAFT -- NONE OBSERVED. 25X1 BAN LOT (NA SAN AREA) MILITARY COMPLEX 2113N 10402E Ø616 131-A LOCATED EAST AND NW OF NA SAN AIRFIELD. COMPLEX CONSISTS OF 2 AREAS CONTAINING NUMEROUS BARRACKS, STORAGE, AND SUPPORTHTYPE BUILDINGS ONE OCCUPIED 4-GUN AAA BATTERY. NUMEROUS PERSONNEL TRENCHES, AND SEVERAL AW POSITIONS THROUGHOUT AREA. 25X1 25X1 25X1 BAN PUOL LANDING STRIP 2115N 10439E Ø616 287 AIRFIELD IS ABANDONED. 25X1 XOM THUA AREA, PROBABLE STORAGE SITE 2129N 10456E Ø616 341 IDENTIFICATION ONLY. 25X1 XOM GIONG, PROBABLE STORAGE SITE 2131N 10454E Ø616 342 IDENTIFICATION ONLY. XOM HAU, POSSIBLE STORAGE COMPLEX 2131N 10457E 0616 468 3 NM NW OF XOM HAU. POSSIBLE STORAGE COMPLEX INCLUDES 3 WALLED 25X1 AREAS CONTAINING 120 STORAGE-TYPE BUILDINGS AND NUMEROUS SMALL SUPPORT BUILDINGS.

			nstallation Numbers
City, Installation	Coordinates	WAC	BE NPIC
YEN SON, EXPLOSIVES STORAGE SITE	2136N 10459E	Ø61625X1	333
IDENTIFICATION ONLY.			
YEN BAY COMPLEX IDENTIFICATION ONLY.	2142N 10452E	Ø616	147
YEN BAY AREA, MILITARY COMPLEX NO APPARENT CHANGE SINCE	2143N 10453E	Ø616 25X1	147-
NAM VU AREA, MILITARY CAMP ONE BARRAÇKS, ONE ADMINISTRATIVE, 5 SUPPORT AND 3 EXPLOSIVES STORAGE BUILDINGS REMAIN.	2146N 1Ø459E	9616	343
GIUA LANG, POSSIBLE METALLURGICAL PLANT	2147N 1Ø451E	0616	350
NGOC-THI, POSSIBLE PRISON WALLED COMPOUND WITH GUARD TOWERS LOCATED Ø.7 NM SOUTH OF NGOC-THI AT 21-54-15N 104-54-30E. WITHIN COMPOUND IS FENCED AREA CONTAINING 12 BARRACKS-TYPE BUILDINGS AND 6 SUPPORT	2154N 10454E	Ø616	344
BUILDINGS. APPROXIMATELY 20 BARRACKS AND NUMEROUS SUPPORT BUILDINGS ARE LOCATED OUTSIDE THE COMPOUND.		25X1	

City, Installation	Coordinates	WAC		ation Number
			BE	NP
TRAI HUT, STORAGE SITE NO APPARENT CHANGE SINCE	2158N 10436E	Ø616 <sub>2</sub>	5X1	332
VAN TRI PROBABLE MILITARY INSTALLATION	2103N 10544E	Ø616		462
ONE NMENW OF VAN TRI. SECURED AREA CONTAINING APPROXIMATELY 30		2	5X1	
BARRACKS-TYPE AND ADMINISTRATIVE BUILDINGS.				
	A Company of the Comp		İ	
PHU HUU AREA, MILITARY INSTALLATION	2112N 105215	8414		. 200
INSTALLATION NOW APPEARS COMPLETE. AREA	2112N 10521E	Ø616		389
INSTALLATION NOW APPEARS COMPLETE AREA CONTAINS AT LEAST 30 BARRACKS, ADMINISTRATIVE, AND SUPPORT BUILDINGS APPROXIMATELY 30	2112N 10521E	Ø616		389
INSTALLATION NOW APPEARS COMPLETE. AREA CONTAINS AT LEAST 30 BARRACKS, ADMINISTRATIVE, AND SUPPORT BUILDINGS. APPROXIMATELY 30 UNIDENTIFIED VEHICLES OBSERVED. NO OTHER	2112N 10521E	Ø616		. 389
INSTALLATION NOW APPEARS COMPLETE. AREA CONTAINS AT LEAST 30 BARRACKS, ADMINISTRATIVE, AND SUPPORT BUILDINGS. APPROXIMATELY 30	2112N 10521E	Ø616		389
INSTALLATION NOW APPEARS COMPLETE. AREA CONTAINS AT LEAST 30 BARRACKS, ADMINISTRATIVE, AND SUPPORT BUILDINGS. APPROXIMATELY 30 UNIDENTIFIED VEHICLES OBSERVED. NO OTHER	2112N 10521E	Ø616		389
INSTALLATION NOW APPEARS COMPLETE. AREA CONTAINS AT LEAST 30 BARRACKS, ADMINISTRATIVE, AND SUPPORT BUILDINGS. APPROXIMATELY 30 UNIDENTIFIED VEHICLES OBSERVED. NO OTHER SIGNIFICANT CHANGES NOTED IN FACILITIES SINCE	2112N 10521E	Ø616		389
INSTALLATION NOW APPEARS COMPLETE. AREA CONTAINS AT LEAST 30 BARRACKS, ADMINISTRATIVE, AND SUPPORT BUILDINGS. APPROXIMATELY 30 UNIDENTIFIED VEHICLES OBSERVED. NO OTHER SIGNIFICANT CHANGES NOTED IN FACILITIES SINCE  HUNG NHI AREA, PROB PROVINCIAL MIL COMPLEX ONE CAMP INCLUDING 10 BARRACKS-TYPE BUILDINGS AND NUMEROUS SUPPORT BUILDINGS IS OBSERVED AT				
INSTALLATION NOW APPEARS COMPLETE. AREA CONTAINS AT LEAST 30 BARRACKS, ADMINISTRATIVE, AND SUPPORT BUILDINGS. APPROXIMATELY 30 UNIDENTIFIED VEHICLES OBSERVED. NO OTHER SIGNIFICANT CHANGES NOTED IN FACILITIES SINCE				
CONTAINS AT LEAST 30 BARRACKS, ADMINISTRATIVE, AND SUPPORT BUILDINGS. APPROXIMATELY 30 UNIDENTIFIED VEHICLES OBSERVED. NO OTHER SIGNIFICANT CHANGES NOTED IN FACILITIES SINCE  HUNG NHI AREA, PROB PROVINCIAL MIL COMPLEX ONE CAMP INCLUDING 10 BARRACKS-TYPE BUILDINGS AND NUMEROUS SUPPORT BUILDINGS IS OBSERVED AT		9616	25X1	

			WAC	Installatio	
City, Installation	Coordino	otes	#AC 2	5X1BE	NPIC
VIET TRI COMPLEX AREA IDENTIFICATION ONLY.	2118N 1	Ø526E	Ø616		262
PHU THO AREA, MILITARY AREA 5 NM SSE OF PHU THO. AREA CONTAINS APPROXIMATELY 25 ADMINISTRATIVE, BARRACKS, AND SUPPORT BUILDINGS, 5 OF WHICH ARE UNDER CONSTRUCTION.	2119N 1	Ø515E	Ø616		458
THACH SON AREA, NO SIGNIFICANT CHANGE IN CLOUD-FREE AREAS	212ØN 1	10517E	Ø616		233
PHUC DUC, MILITARY COMPLEX PHUC DUC MILITARY COMPLEX, COVERING AN AREA OF APPROXIMATELY 15 SQ MI, CONTAINS NUMEROUS BARRACKS, ADMINISTRATIVE AND STORAGE—TYPE BUILDINGS, AND A DRIVER—TRAINING AREA.	2121N 1	1 <b>0</b> 521E	Ø616		378
XOM CA, POSS MILITARY INSTALLATION ALL BUILDINGS EXCEPT ONE HAVE BEEN REMOVED	2124N 1	10500E	Ø616		381
PHU THO MILITARY COMPLEX NO APPARENT CHANGE SINCE	2127N	10511E	Ø616 2	2 <b>5</b> X1	135-

City, Installation	Coordinates	1 WA(	nstallation Numbers
			BE NPIC
DAO GIA, PROB MILITARY BARRACKS AND STGE AREA SIX POSSIBLE BARRACKS, IØ STORAGE BUILDINGS, AND ONE MAINTENANCE BUILDING OBSERVED.	2130N 10508E	Ø616	202
CHAN MONG AREA, BARRACKS AREA NO APPARENT CHANGE SINCE	2132N 10512E	Ø616	406
AM HA, MILITARY STORAGE AREA			
ONE NM NW OF AM HA.  ROAD SERVED, FENCED 2,800 X 2,500 FT STORAGE AREA CONTAINS 19 LARGE STORAGE AND 4 SUPPORT BUILDINGS. FOUR BARRACKS, ONE ADMINISTRATIVE AND 3 SUPPORT BUILDINGS ARE LOCATED OUTSIDE	2134N 10501E	Ø616	464
FENCED AREA. FOUR CARGO TRUCKS NOTED IN BARRACKS AREA.			
TRANG MY, PROB MIL BARRACKS AND STORAGE AREA ONE NM WEST OF TRANG MY. FOUR AREAS CONTAIN 40 BARRACKS, 7 ADMINISTRATIVE AND NUMEROUS STORAGE BUILDINGS.	2134N 10508E	Ø616	264
THAI NGUYEN, INDUSTRIAL COMPLEX PRESENCE OF BUILDING SUPPLIES AND MATERIAL INDICATES CONTINUED CONSTRUCTION ACTIVITY.	2134N 1Ø552E	Ø616	242-1
Sold Moorron Activity			
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		40/(1	l

		w.c		ion Numbers
City, Installation	Coordinates	WAC	BE	NPIC
HA CU. EXPLOSIVES INDUSTRY AND STORAGE NO APPARENT CHANGE IN CLOUD-FREE AREAS SINCE	2142N 1Ø515E	Ø616		336
BAC LUNG, BARRACKS AREA AREA IDENTIFICATION ONLY.	2142N 1Ø523E	Ø616		398
PHU HIEN AREA, PROB PROVINCIAL MIL CAMPS NO SIGNIFICANT CHANGE SINCE	2143N 10505E	Ø616		402
TAI XOUAN, EXPLOSIVES STORAGE SITE NO APPARENT CHANGE SINCE	2143N 10508E	Ø616		235
KY LAM, MILITARY TRAINING AREA .5 NM NE OF NGOC CHUC AT 21-39N 105-13E. TRAINING AREA APPROXIMATELY 1 X .5 NM IN AREA OBSERVED. TWELVE PROBABLE CARGO TRUCKS, AT LEAST 6 OF WHICH ARE PULLING POSSIBLE ARTILLERY, NOTED IN MOTOR PARK. NO APPARENT CHANGE IN FACILITIES SINCE	2144N 1Ø516E	Ø616		336
KY THACH, MILITARY CAMP ADDITIONAL FACILITIES INCLUDE 2 REVETTED STORAGE BUILDINGS. INSTALLATION IS CAPABLE OF HOUSING AT LEAST 3,000 MEN. NO OTHER APPARENT	2145N 10513E	<b>Ø616</b>	5X1	366

Approved For Release 2003/03/04: CIA-RDP78B04560A000500010089-6 2**5**X1 TOP SECRET NPIC/R-14/63 City, Installation Coordinates Installation Numbers WAC NPIC BIEU-NGHI MILITARY AREA AT BIEU-NGHI, 13 NM NE OF HAIPHONG. 2100N 10652E 9616 460 AREA INCLUDES ONE HEADQUARTERS BUILDING, 19 BARRACKS, 4 BARRACKS UNDER CONSTRUCTION, TRENCHES, FOX HOLES, AND STRONGPOINTS. 25X1 UONG BI, PROB ORE PROCESSING PLANT 2102N 10647E NO APPARENT CHANGE SINCE Ø616 25X1 408 LANG SON, MILITARY BARRACKS & STORAGE AREA NO APPARENT CHANGE SINCE 215ØN 10644E <sup>Ø616</sup>25X1 **2**5X1 119-C LANG SON AIRFIELD 1.2 NM EAST OF LANG SON. 2150N 10646E Ø616 119-A 3,500 X 150 FT NW/SE ROLLED EARTH RUNWAY, SERVICEABLE. 25X1 AIRCRAFT -- NONE OBSERVED. 25X1 LANG SON COMPLEX NO APPARENT CHANGE SINCE 2151N 10645E 25X1 Ø616 119 THAN UYEN, AIRFIELD OLD SOD RUNWAY APPEARS ABANDONED. NOW USED AS 2200N 10355E Ø616 438 ROAD. 25X1 25X1

NPIC/R-14/63

25X1 TOP SECRET Installation Numbers WAC Coordinates City, Installation 438-A 2200N 10355E Ø616 THAN UYEN MILITARY AREA NORTH OF THAN UYEN. PROBABLE ENCLOSED AREA INCLUDES APPROXIMATELY 25 BUILDINGS IN DISTINCTIVE RECTANGULAR PATTERN. 25X1 118-D 2203N 10309E Ø616 LAI-CHAU TO RED RIVER, NEW ROAD A NEW WELL-GRADED ROAD RUNS NORTH FROM LAI-CHAU (22-03N 103-09E) TO THE CHINA-VIET NAM BORDER TOWN OF BAN NAM COUM (22-37N 103-20E). THE ROAD CONTINUES IN A GENERALLY NORTHEASTERN DIRECTION TO THE RED RIVER (23-02N 103-20E) WHERE IT CONNECTS WITH EXISTING ROADS. AT PA TAN (22-27N 103-12E) 25X1 A BRANCH ROAD RUNS EAST TO PHONG THO (22-32N 103-22E). 25X1 118-A Ø616 2204N 10310E LAI CHAU AIRFIELD JUST SE OF LAI CHAU. AIRFIELD APPEARS SERVICEABLE. AIRCRAFT -- NONE OBSERVED. 25X1 118-C 2204N 10310E Ø616 LAI CHAU, MILITARY CAMP 25X1 NO APPARENT CHANGE SINCE 324 Ø616 2219N 1Ø338E BINH LU, STORAGE SITE AREA IDENTIFICATION ONLY. 25X1 25X1 TOP SECRET Approved For Release 2003/02/04: CIA-RDP78B04560A000500010089-6

25X1 TOP SECRET

25X1

25X1

City, Installation

APPROXIMATELY 30 BUILDINGS OBSERVED.

LANG NHON AREA, MILITARY CAMP

NO APPARENT CHANGE SINCE

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328

Installation Numbers

ВĘ

WAC

Coordinates

CHA PA, PROBABLE MILITARY CAMP 222ØN 1Ø35ØE Ø616 323 AREA IDENTIFICATION ONLY. 25X1 LAO KAY, MILITARY COMPLEX 2229N 1Ø357E Ø616 5-E FOUR ADDITIONAL LARGE BUILDINGS UNDER CONSTRUCTION. NO OTHER APPARENT CHANGE SINCE 25X1 25X1 LAO KAY AIRFIELD 2229N 1Ø358E Ø616 5-A NO APPARENT CHANGE SINCE AIRCRAFT -- NONE OBSERVED 25X1 25X1 LAO KAY, PROBABLE MILITARY CAMP 2229N 10359E Ø616 25X1 5-0 IDENTIFICATION ONLY. 25X1 LAO KAY COMPLEX 2231N 10359E Ø616 5 NO APPARENT CHANGE SINCE 25X1 25X1 LUC AN CHAU, POSSIBLE MILITARY CAMP 2205N 10443E Ø616 338

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2225N 10401E

Ø616

25X1

			Installation Nu	ımbers
City, Installation	Coordinates	WAC -	BE	NPIC
LANG NHON COMPLEX  APPROXIMATELY 55 BARRACKS/CIVILIAN QUARTERS  AND APPROXIMATELY 65 STORAGE/SUPPORT BUILDINGS  ARE LOCATED WITHIN 2 NM OF LANG NHON ON THE  HIGHWAY TO LAO KAY. NO APPARENT CHANGE IN THE  RAIL-SERVED MINING COMPLEX, THE RAILROAD  YARD, AND BRIDGE OVER THE RED RIVER.	2225N 10402E	Ø616	3	328-H
LANG YANG COMPLEX AREA IDENTIFICATION ONLY.	2226N 10403E	Ø616	3	327
BAC KAN, BARRACKS & STORAGE AREAS  NO APPARENT CHANGE IN AREA A SINCE  OTHER AREAS IN COMPLEX  APPEAR NUN-MILITARY.	2208N 10550E	<b>Ø616</b> 25.		295-A
TINH TUC, MINING ACTIVITY TINH TUC MINING ACTIVITY INCLUDES AN OPEN PIT MINING AREA WITH ITS ASSOCIATED MILLING FACILITIES, AND APPROXIMATELY 75 BUILDINGS FOR HOUSING AND SUPPORT. A SUPPORT AREA APPROXIMATELY 1.5 NM EAST CONTAINS 3 LARGE AND 2 SMALL MULTISTORY BUILDINGS AND APPROXIMATELY 35 SINGLE-STORY BUILDINGS FOR HOUSING AND STORAGE.	2239N 10552E	Ø616 25		293
CAD BANG AIRFIELD RUNWAY UNSERVICEABLE, OVERGROWN WITH VEGETATION.	2239N 1Ø616E	<b>ø616</b> [		1 Ø 4

Approved For Release 2003/03/04: CIA-RDP78B04560A000500010089-6 **4**5X1 TOP SECRET NPIC/R-14/63 Installation Numbers City, Installation Coordinates WAC CAO BANG BARRACKS & STORAGE AREAS **Ø616** 25X1 10615E 224ØN 104-A NO APPARENT CHANGE SINCE 25X1 BA DUONO STURAGE AREA 2241N 10627E Ø616 430 NO APPARENT CHANGE SINCE 25X1 **2**5X1 COC XAU AREA, STRONGPOINT Ø616 25X1 2254N 10600E NO APPARENT CHANGE SINCE 423 25X1 LANG DAN SECURED STORAGE AREA 2301N 10457E 0616 FOUR SEPARATE SECURED AREAS AT LANG DAN 465 CONTAIN A TOTAL OF 21 BARRACKS/STORAGE-TYPE BUILDINGS, THREE ADMINISTRATIVE/BARRACKS-TYPE BUILDINGS, AND APPROXIMATELY 20 SMALLER MISCELLANEOUS STRUCTURES. AREA IS SERVED BY AN IMPROVED DIRT ROAD. 25X1 Ø616 25X1 DONG VAN AREA, MILITARY INSTALLATION 2316N 1Ø522E NO APPARENT CHANGE SINCE 422 25X1 25X1 Approved For Release 2003 #08/04 : CIA-RDP78B04560A000500010089-6TOP SECRET

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**⊉**5X1

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# APPENDIX EXPLANATION OF COLUMN HEADINGS AND PHOTO REFERENCES

<u>City</u>, <u>Installation</u> -- This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. The city and installation names are followed by a capsule description, where appropriate.

<u>Coordinates</u> -- Coordinates are referenced to the SW corner of the minute square. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

 $\underline{\text{WAC}}$  -- This column provides the World Aeronautical Chart number for the area in which the subject installation lies.

Installation Numbers -- The installation Numbers column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the target. The second column lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number, since the installation numbers are repeated from WAC to WAC. For example, there is an NPIC target numbered 0289-1 and an NPIC target numbered 0290-1. In each instance, the NPIC installation number is 1, but the installations appear on different WACs.

The photo reference indicates frame(s) on which the target appears, and conditions which affect interpretation of the target.